



Contract No. 008127	Station 1332+60 - 1425+98	Mile/Line: I-90 / LW	C/S
Staked by	Date	Work Started Date 5/1/2014	Work Completed Date 10/3/2019
Calculated by Mathew Gipner 10/4/2019	Date	Checked by E. Knudson 10/10/2019	Inspector Colton Peyser 9/12/19

BID ITEM 181  
RIDE SMOOTHNESS COMPLIANCE ADJUSTMENT  
CALC

Contractor operated a inertial profiler on the LW line cement concrete pavement lanes constructed in 2017 per standard specification 5-05.3(3)E as modified by change order 182. This operation was done in fall 2019 after the first set of data performed in a previous year for this section of pavement was rejected for being incomplete.

See attached PDFs for contractor submitted inertial profiler data.

Measurements for total concrete volume based off plan widths for the 3 lanes and inertial profiler report stations which were compared to surveyed limits and confirmed to not be exceeding actual paved length PCCP depth for volume based on core depths up to 0.04' max above plan depth per standard specification 5-05.4, see attached core PDFs.

The right lane in the direction of travel was paid as 14' wide, which is the width between joints instead of the 12' wide striped lane. This was requested in contractor serial letter 272 and project engineer Jerry Wood agreed.

Per the calculations in the attached Excel worksheet:

**Pay \$33,763.75**

Item Num	Material Brand Name/Model Type	Manufacturer	Brand Name/Model Type	RAMS/QPL Ref. No.	Appr/Acc Code	Basis of Accept

Item Num	Item Description	Grp	Date Work Complete	Unit	Quantity	Ledger Entry No.	Posted By Init.	Posted By Date	Checked By Init.	Checked By Date	Est. No.
0181	RIDE SMOOTHNESS COMPLIANCE ADJUSTMENT	01	10/5/2019	CALC	33763.75	7451	EK	10/10/19			95

Attachments



8127 Item 181 est 95  
calculations.xlsx  
Microsoft Excel  
Worksheet  
21.5 KB



Submittal 996.1 LW Sta  
1425+98 to 1332+60 0-  
14' Left (Slow Lane).pdf  
Adobe Acrobat Document  
521 KB



Submittal 996.1 LW Sta  
1425+98 to 1336+41  
12-24' Right (Fast  
Lane).pdf  
Adobe Acrobat Document  
512 KB



Submittal 996.1 LW Sta  
1425+98 to 1337+97 0-  
12' Right (Middle  
Lane).pdf  
Adobe Acrobat Document  
511 KB



Core Depth Test  
Reports.pdf  
Adobe Acrobat Document  
72.0 KB